BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Extended Diploma in Horticulture
Unit number and title	Unit 45: Computer-aided design in horticulture
Learning aim(s)	**A** Produce a 2D computer-aided garden design plan
Assignment title	**2D computer-aided plan**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are working as an assistant at a landscaping company. You have recently been approached by a new client who would like plans drawn up for a new garden design. Your manager has asked you to produce the design and drawings to present to the client.
Task 1	You must produce a 2D computer-aided garden design, presented in form of drawings. Your drawings must: • be a rectangular design of a 150-250m^2 garden • include, at the client's request, a patio area, a path and either a pergola or a water feature • be created using appropriate software • include layers, and be annotated • be clear and accurate and to an international standard.
Checklist of evidence required	2D drawings

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Produce a complex 2D survey plan using an imported image or DWG file that communicates existing features and refine, using layers, a 2D computer-aided drawing for a garden design to an international standard, presented with complete control of layers, editing and manipulation tools.
A.M1	Produce a complex 2D survey plan using an imported image or DWG file that communicates existing features.
A.M2	Produce, using layers, an accurate 2D computer-aided drawing containing a 150-250m^2 garden design, presented with appropriate manipulation and layer control.
A.P1	Produce a basic 2D survey plan using an imported image or DWG file that communicates existing features.
A.P2	Produce, using layers, one 2D computer-aided drawing of a 150-250m^2 garden design presented with basic manipulation and layer control.

Sources of information to support you with this Assignment	**Journal/Magazine** *Landscaper magazine* **Websites** rhs.org.uk/advice/cad nfuonline.com plantadvice.co.uk gardenvisit.com/computer aided design